

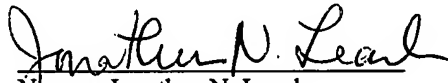


**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Heywood, *et al.* :  
Serial No.: 10/755,541 : Examiner: Katrina B. Harris  
Filed: January 12, 2004 : Art Unit: 3747  
For: High Compression Ratio, High : Atty. Docket: 0492611-0534  
Power Density Homogeneous :  
Charge Compression Ignition :  
Engines Using Hydrogen and :  
Carbon Monoxide to Enhance :  
Auto-Ignition Resistance :

**Certificate of Mailing**

I hereby certify that the foregoing document is being deposited with the United States Postal Service, postage prepaid, first class mail, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 1, 2005.

  
Name: Jonathan N. Leach

**RESPONSE TO OFFICE ACTION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed December 14, 2004, please consider the following remarks.